

### TMA-5X-4VT

#### PRODUCT OVERVIEW

Luxul's Tactical Mesh Antenna (TMA) is designed for use in rugged and mobile wireless networking applications. TMA construction is highly durable and water resistant, while the small footprint and low profile design makes it an ideal solution for mounting on vehicles or in other space constrained applications.

Each TMA type is available in two options: 1) Standard; and 2) High Performance (HP-TMA). The standard TMA generally operates and performs in the same manner as a generic antenna with a similar gain rating, while the HP-TMA is designed to significantly increase signal coverage while maintaining the same pattern characteristics of the standard TMA.

The 5GHz High Performance Tactical Mesh Antenna (HP-TMA) adds in Luxul's patented signal boosting technology that efficiently increases signal reach while maintaining high data throughput rates. This signal boosting functionality adds up to 20dB of transmit gain and 17dB of receive gain, resulting in a farther reaching signal and better connectivity with client radios.

\*Results may vary depending on environmental factors, interference, cable length and type, etc.

This device is available for use by United States Military or Export only.

FCC Notice: The use of all radio equipment is subject to regulations in each country. To comply with FCC part 15 rules in the United States, radio equipment must only be used in systems that have been FCC certified. It is the responsibility of the user/professional installer/operator to ensure that only approved equipment/systems are deployed.

### Tactical Mesh Antenna 5GHz Omni Antenna



Shown with optional NATO mount

#### TMA-5X-4VT TECHNICAL SPECIFICATIONS

Operating Range	5400 to 5850 MHz
Operating Temp	-40F (-40C) to +158F (70C)
Polarization	Linear-Vertical
Antenna Gain	4dBi
Azimuth Beam Width	360°
Elevation Beam Width	35°
VSWR	< 2.0 : 1
Impedance	50 Ohm
Connector	N Female
Radome Material	Impact-Resistant, UV-Stabilized Polycarbonate
TMA Height	5.5 in. (140mm)
TMA Diameter	4.4 in. max (112mm)
Color	Desert Tan
Radiation Pattern	